Exhibit B USSN 10/563,194

Alignment of NFR1 polypeptides SEQ ID NO 25 with SEQ ID NOs 24, 52, and 54

SEO24	MKLKTGLLLFFILLLGHVCFHVESNCLKGCDLALASYYILPGVFILQNITTFMQSEIVS-
SE025	MKLKTGLLLFFILLLGHVCFHVESNCLKGCDLALASYYILPGVFILONITTFMOSEIVS-
SEO52	MKLKNGLLLFFLFVE-CAFFKVDSKCVKGCDLALASYYVMP-LVELPTIKNYMOSKIVTN
SEQ54	MKLKNGLLLFFMFLD-CIFFKVESKCVIGCDIALASYYVMP-LVQLSNITTFMQSKLVTN
20034	
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SEQ24	SNDAITSYNKDKILNDINIQSFQRLNIPFPCDCIGGEFLGHVFEYSASKGDTYETIANLY
SEQ25	SNDAITSYNKDKILNDINIQSFQRLNIPFPCDCIGGEFLGHVFEYSASKGDTYETIANLY
SEQ52	SSDVLNSYNKVLVTNHGNIFSYFRINIPFPCECIGGEFLGHVFEYTTKKGDTYDLIANNY
SEQ54	SFEVIVRYNRDIVFSNDNLFSYFRVNIPFPCECIGGEFLGHVFEYTANEGDTYDLIANTY
	* :.: **: : *: *: *:****************
SE024	YANLTTVDLLKRFNSYDPKNIPVNAKVNVTVNCSCGNSQVSKDYGLFITYPIRPGDTLQD
SE025	YANLTTVDLLKRFNSYDPKNIPVNAKVNVTVNCSCGNSQVSKDYGLFITYPIRPGDTLQD
SEQ52	YVSLTSVELLKKFNSYDPNHIPAKAKVNVTVNCSCGNSQISKDYGLFVTYPLRSTDSLEK
SEQ54	YASLTTVEVLKKYNSYDPNHIPVKAKVNVTVNCSCGNSQISKDYGLFITYPLRPRDTLEK
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SE024	IANOSSLDAGLIOSFNPSVNFSKDSGIAFIPGRYKNGVYVPLYHRTAGLASGAAVGISIA
SEO25	IANOSSLDAGLIOSFNPSVNFSKDSGIAFIPGRYKNGVYVPLYHRTAGLASGAAVGISIA
SEQ52	IANESKLDEGLIQNFNPDVNFSRGSGIVFIPGRDKNGEYVPLYPKTG-VGKGVAIGISIA
SEQ54	IARHSNLDEGVIQSYNLGVNFSKGSGVVFFPGRDKNGEYVPLYPRTG-LGKGAAAGISIA
	.** *:**.:* .*:.**:.*** *** ***** :*. :*.* *****
SEQ24	GTFVLLLLAFCMYVR-YQKKEEEKAKLPTDISMALSTQDASSSAEYETSGSSGPGTAS
SEQ25	
	GTFVLLLLAFCMYVR-YQKKEEEKAKLPTDISMALSTQDAGNSSSAEYETSGSSGPGTAS
SEQ52	GVFAVLLFVICIYVKYFQKKEEEKTILP-QVSKALSTQDGNASSSGEYETSGSSGHGTGS
SEQ54	GIFALLLFVICIYIKYFQKKEEEKTKLP-QVSTALSAQDASGSGEYETSGSSGHGTGS
	* *.:**:.:*::::::::::::::::::::::::::::
SE024	ATGLTSIMVAKSMEFSYQELAKATNNFSLDNKIGQGGFGAVYYAELRGKKTAIKKMDVQA
SEO25	ATGLTSIMVAKSMEFSYQELAKATNNFSLDNKIGQGGFGAVYYAELRGKKTAIKKMDVQA
SE052	AAGLTGIMVAKSTEFSYOELAKATONFSLONKIGOGGFGAVYYAELRGEKTAIKKMNVOA
SEQ54	TAGLTGIMVAKSTEFSYQELAKATNNFSLDNKIGQGGFGAVYYAVLRGEKTAIKKMDVQA
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SEQ24	STEFLCELKVLTHVHHLNLVRLIGYCVEGSLFLVYEHIDNGNLGQYLHGSGKEPLPWSSR
SEQ25	STEFLCELKVLTHVHHLNLVRLIGYCVEGSLFLVYEHIDNGNLGQYLHGSGKEPLPWSSR
SEO52	SSEFLCELKVLTHVHHLNLVRLIGYCVEGSLFLVYEHIDNGNLGOYLHGKDKEPLPWSSR
SEQ54	STEFLCELQVLTHVHHLNLVRLIGYCVEGSLFLVYEHIDNGNLGQYLHGIDKAPLPWSSR
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SE024	VQIALDAARGLEYIHEHTVPVYIHRDVKSANILIDKNLRGKVADFGLTKLIEVGNSTLQT
SEO25	VQIALDAARGLEYIHEHTVPVYIHRDVKSANILIDKNLRGKVADFGLTKLIEVGNSTLQT
SEQ52	VQIALDSARGLEYIHEHTVPVYIHRDVKSANILIDKNLRGKVADFGLTKLIEVGNSTLQI VQIALDSARGLEYIHEHTVPVYIHRDVKSANILIDKNLRGKVADFGLTKLIEVGNSTLHT
SEQ54	VQIALDSARGLEYIHEHTVPVYIHRDVKSANILIDKNLHGKVADFGLTKLIEVGNSTLHT
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SE024	RLVGTFGYMPPEYAOYGDISPKIDVYAFGVVLFELISAKNAVLKTG-ELVAESKGLVALF
SEO25	RLVGTFGYMPPEYAOYGDISPKIDVYAFGVVLFELISAKNAVLKTG-ELVAESKGLVALF
SE052	RLVGTFGYMPPEYAOYGDVSPKIDVYAFGVVLYELISAKNAVLKTGEESVAESKGLVALF
	RLVGTFGYMPPETAQTGDVSPKIDVTAFGVVLTELISAKNATLKTG-ESAVESKGLVALF
SEQ54	**************************************

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Exhibit B USSN 10/563,194

Alignment of NFR1 polypeptides SEQ ID NO 25 with SEQ ID NOs 24, 52, and 54

SEQ24	EEALNKSDPCDALRKLVDPRLGENYPIDSVLKIAQLGRACTRDNPLLRPSMRSLVVALMT
SEQ25	EEALNKSDPCDALRKLVDPRLGENYPIDSVLKIAQLGRACTRDNPLLRPSMRSLVVALMT
SE052	EKALNOIDPSEALRKLVDPRLKENYPIDSVLKMAOLGRACTRDNPLLRPSMRSLVVDLMT
SE054	EEALNOIDPLEALRKLVDPRLKENYPIDSVLKMAOLGRACTRDNPLLRPSMRSLVVALMT
55201	* * * * * * * * * * * * * * * * * * * *
SEO24	LSSLTEDCDDESSYESOTLINLLSVR
SEO25	LSSLTEDCDDESSYESOTLINLLSVR
SEO52	LSSPFEDCDDDTSYENOTLINLLSVR
SEO54	LLSHTDDDDTFYENOSLTNLLSVR
00201	* * * ** ** *****
SEO24	99% identity
SE025	100% identity
SEO52	78.5% identity
SEO54	77.9% identity
SEQUA	77.5% Identity

KEY

- * = identical residues
- : = conserved substitutions
- . = semi-conserved substitutions (isosteric)